

IN THE ABSTRACT:

Please amend the abstract as shown below, in which deleted terms are shown with strikethrough and/or added terms are shown with underscoring.

ABSTRACT OF THE DISCLOSURE

A vibratory mechanism ~~which is composed of~~ includes vibratory shafts, which are stored within a roll and are arranged symmetrically across a rotation axis of the roll, ~~a fixed eccentric weights~~ fixed to respective vibratory shafts, ~~a rotatable eccentric weights~~ rotatably attached to respective vibratory shafts, a rotation controller controlling a range of movement of the rotatable eccentric weights, and an eccentric moment controller which changes an eccentric moment around the vibratory shaft depending on the rotation direction of the vibratory shafts, whereby the vibration state of the roll is switchable between standard vibration and horizontal vibration.